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AMENDMENTS TO THE CLAIMS

The following Listing of Claims replaces all prior versions, and listings, of claims.

LISTING OF CLAIMS

1-2 (cancelled)

- 3. (currently amended) The method of claim 16 1, wherein the at least one S/MAR element comprises (i) SEQ ID NO:1 or SEQ ID NO:2, (ii) a functional fragment of SEQ ID NO:1 or SEQ ID NO:2, or (iii) a sequence that is at least about 70% homologous to SEQ ID NO:1 or SEQ ID NO:2 protein is Factor VII or a Factor VII-related polypeptide.
- 4. (currently amended) The method of claim 3 2, wherein the nucleic acid molecule comprises the two S/MAR elements are selected from (i) SEQ ID NO:1 or SEQ ID NO:2, (ii) functional fragments of SEQ ID NO:1 or SEQ ID NO:2, and or (iii) sequences that are at least about 70% identical homologous to SEQ ID NO:1 or SEQ ID NO:2.
- 5. (currently amended) The method of claim 4.2, wherein the two S/MAR elements are identical.
- 6. (original) The method of claim 5, wherein the identical S/MAR elements comprise SEQ ID NO:1.
- 7. (original) The method of claim 5, wherein the identical S/MAR elements comprise SEQ ID NO:2.

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- 8. (original) The method of claim 5, wherein the identical S/MAR elements comprise SEQ ID NO:3.
- 9. (original) The method of claim 5, wherein the Identical S/MAR elements comprise SEQ ID NO:4.
- 10. (original) The method of claim 5, wherein the identical S/MAR elements comprise SEQ ID NO:5.
- 11. (currently amended) The method of claim 4 2, wherein the two S/MAR elements comprise SEQ ID NO:1 and SEQ ID NO:2, respectively.
- 12. (currently amended) The method of claim <u>4</u> 2, wherein the two S/MAR elements comprise SEQ ID NO:2 and SEQ ID NO:3, respectively.
- 13. (currently amended) The method of claim 4 2, wherein the two S/MAR elements comprise SEQ ID NO:2 and SEQ ID NO:4, respectively.
- 14. (currently amended) The method of claim $\underline{4}$ 2, wherein the two S/MAR elements comprise SEQ ID NO:2 and SEQ ID NO:5, respectively.
- 15. (currently amended) The method of claim 3 ±, wherein the at least one S/MAR element is located less than about 10 kb from the Factor VII or Factor VII-related polypeptide-encoding sequence.
- 16. (currently amended) A method for producing a polypeptide or protein comprising (a) transfecting a mammalian cell with a nucleic acid molecule comprising a (I) a sequence encoding the polypeptide or protein and (II) at least one scaffold/matrix attachment region (S/MAR) element comprising (i) SEQ ID NO:1 or

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SEQ ID NO:2, (ii) a functional fragment of SEQ ID NO:1 or SEQ ID NO:2, or (iii) a sequence that is at least about 70% homologous identical to SEQ ID NO:1 or SEQ ID NO:2; (b) culturing the transfected cell under conditions suitable for expression of the polypeptide or protein; and (c) isolating the expressed polypeptide or protein.

- The method of daim 16, wherein the nucleic acid molecule 17. (original) comprises two S/MAR elements.
- The method of claim 17, wherein the two S/MAR elements 18. (original) are identical.
- The method of claim 18, wherein the identical S/MAR 19. (original) elements comprise SEQ ID NO:1.
- The method of claim 18, wherein the identical S/MAR 20. (original) elements comprise SEQ ID NO:2.
- The method of claim 18, wherein the identical S/MAR 21. (original) elements comprise SEQ ID NO:3.
- The method of claim 18, wherein the identical S/MAR 22. (original) elements comprise SEQ ID NO:4.
- The method of claim 18, wherein the identical S/MAR (original) 23. elements comprise SEQ ID NO:5.
- The method of claim 17, wherein the two S/MAR elements 24. (original) comprise SEQ ID NO:1 and SEQ ID NO:2, respectively.

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- 25. (original) The method of claim 17, wherein the two S/MAR elements comprise SEQ ID NO:2 and SEQ ID NO:3, respectively.
- 26. (original) The method of claim 17, wherein the two S/MAR elements comprise SEQ ID NO:2 and SEQ ID NO:4, respectively.
- 27. (original) The method of claim 17, wherein the two S/MAR elements comprise SEQ ID NO:2 and SEQ ID NO:5, respectively.
- 28. (original) An isolated DNA molecule comprising one or more S/MAR elements that comprise a sequence selected from the group consisting of SEQ ID NOs:1-5.
- 29. (original) The isolated DNA molecule of claim 28, wherein the DNA molecule comprises a sequence encoding a human protein or polypeptide or a functional analogue of a human protein or polypeptide.
- 30. (original) The isolated DNA molecule of claim 29, wherein the protein or polypeptide-encoding sequence is located less than about 10 kb from the one or more S/MAR elements.
- 31. (original) The isolated DNA molecule of claim 30, wherein the isolated DNA molecule comprises SEQ ID NO:1.
- 32. (original) The isolated DNA molecule of claim 30, wherein the isolated DNA molecule comprises SEQ ID NO:2.
- 33. (original) The isolated DNA molecule of claim 30, wherein the isolated DNA molecule comprises SEQ ID NO:3.

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- 34. (original) The isolated DNA molecule of claim 30, wherein the isolated DNA molecule comprises SEQ ID NO:4.
- 35. (original) The isolated DNA molecule of claim 30, wherein the isolated DNA molecule comprises SEQ ID NO:5.
- 36. (currently amended) A vector construct comprising a nucleic acid molecule comprising (a) a sequence encoding Factor VII or a Factor VII-related polypeptide operably linked to one or more expression control elements and (b) one or more S/MAR elements selected from SEQ ID NOs:1-5.
 - 37. Cancelled
- 38. (currently amended) A mammalian cell comprising the vector of claim 36 37.
- 39. (original) A vector construct comprising a nucleic acid molecule that comprises (a) a sequence encoding a polypeptide or protein operably linked to one or more expression control elements and (b) at least one S/MAR element comprising a sequence selected from SEQ ID NOs:1-5.
 - 40. (original) A mammalian cell comprising the vector of claim 39.
- 41. (original) An isolated DNA molecule consisting essentially of one or more sequences selected from SEQ ID NOs:1-5.

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